IBA GROUP

Cognitive Automation Case Study

CURRENCY EXCHANGE PROCESSING AUTOMATION
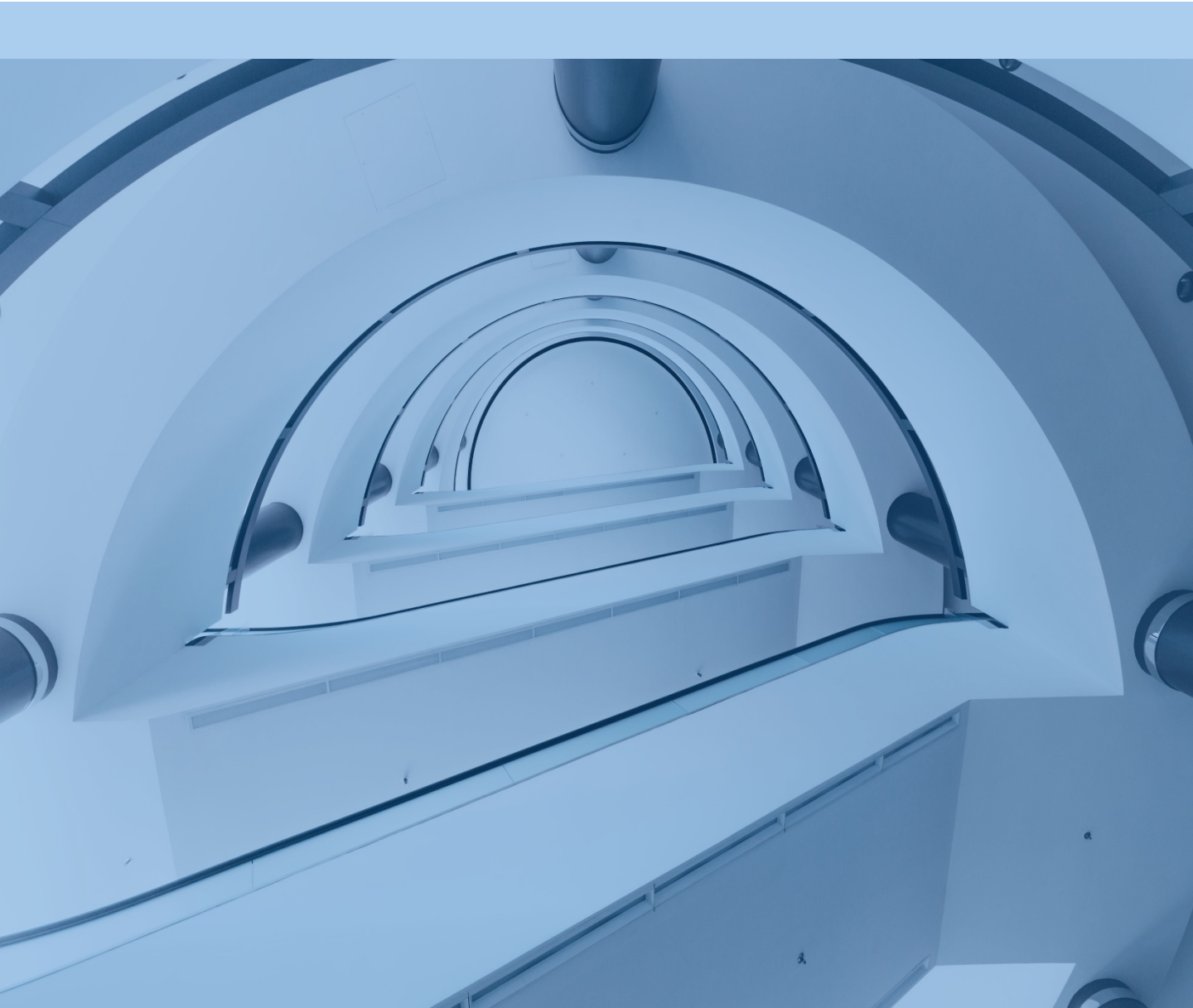
KEY POINTS

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Industry	Banking & Finance
Customer	Global bank with more than 155 years of history. Areas served: South & North America, Europe, Asia, Africa.
Technologies	RPA, OCR (ABBY), ML.
Metrics	15 types of documents in 4 different formats, 22 fields for recognition.
Goal	Test feasibility of RPA and AI technologies for business processes at international bank.

CHALLENGE

Compare a daily list of transactions on currency exchange with relevant data in the banking system. Data come in xlsx, pdf, html, and plain text formats. If there is a conflict between the data, a request for clarification is generated.

SOLUTION & PROJECT TIMELINE

IBA and the customer worked together on the Proof-of-Concept, implementing the most typical business processes. The project duration was 3 months. Of these, IBA Group spent one month at the customer's premises and two months working from an offshore location.

.HTML 7 types

.PDF 2 types

Manually proceed

.XLSX 3 types

.TXT 3 types

Classify the input data & automate data extraction (cognitive automation with training model based on 1,500 documents)

Compare input data with data in the banking system (RPA task) & send messages on the process results (bot task).

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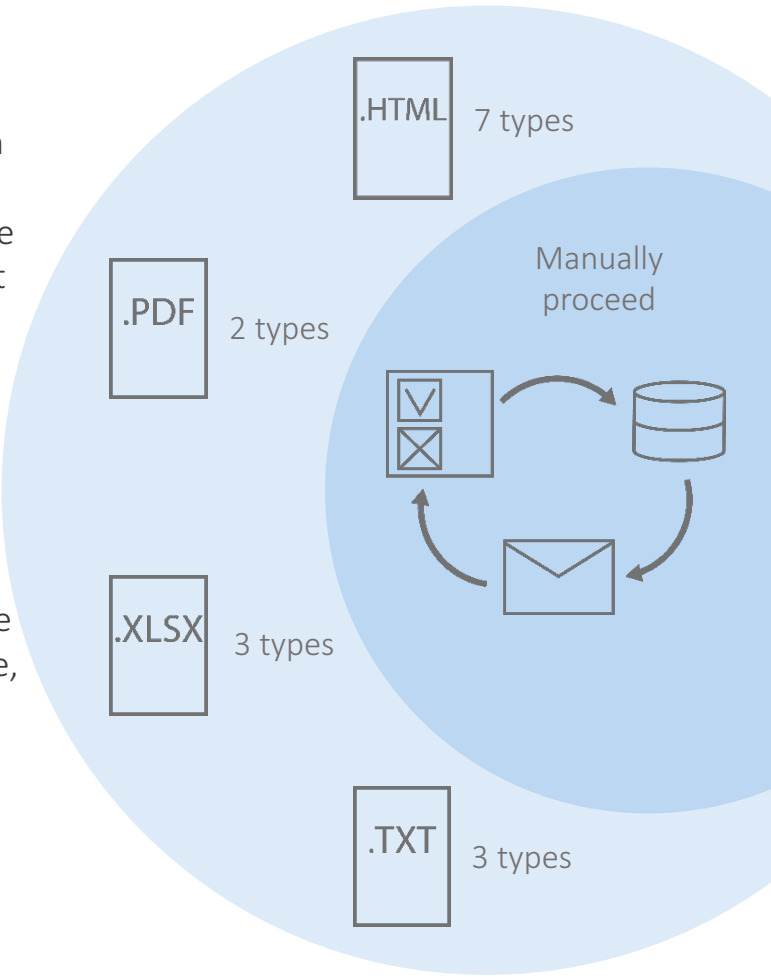
78%

Automation rate
for extraction

63%

Reduction in manual
effort per transaction

94%

Average accuracy

100%

For Excel:
accuracy &
automation rate

WHY TRY FREE PoC*?

We know that flashy sales presentations don't address your actual business needs. Why not try the technology before making a decision? We offer Proof of Concept to help you determine technical feasibility and potential benefits of the solution.

HOW IT WORKS?

1. We define together the best candidate for automation, complex enough to fit the PoC and important enough to prove the value

2. Our experienced RPA developer completes PoC in 2-3 days

3. Need to compare results of automation using different RPA Platforms? We will do it for you.

A free Proof of Concept includes a free RPA Platform demonstration in the Customer's environment. The demonstration takes 2 or 3 days and is performed on one Customer's process or a part of it. A pilot project, on the other hand, is a paid implementation of the RPA platform covering a small segment of the Customer's business (2-3 processes or more, as agreed by the parties).

Request

IBA Israel Office
+972-4-9955944
Yoqneam-Ilit
info@ibagroup.co.il